

Catalog Number C36950
Product Name CountBright™ absolute counting beads *for flow cytometry* *100 tests*
Appearance white suspension
Medium distilled water, 0.05% Tween® 20, 2 mM sodium azide
Concentration 0.52×10^5 beads/50 µL
Lot Number 2090660

SONICATE WELL BEFORE USE. STORE AT 2° - 8° C, DO NOT FREEZE

| | LOT DATA | SPECIFICATION |
|---|--|--|
| FLOW CYTOMETRY Mean Fluorescence Intensity | meets specification | 25,000 - 125,000 |
| FLOW CYTOMETRY Percent Singlets CV of Forward Scattering | 91% 6.0% | ≥ 90% ≤ 7.5% |
| TECHNICAL DATA ¹ Actual Particle Size Density of Polystyrene Specific Surface Area | $7.08 \pm 0.478 \mu\text{m}$ 1.06 g/cm^3 $7.995 \times 10^7 \text{ cm}^2/\text{g}$ | n.a. n.a. n.a. |
| Z2 Counter ² Bead Concentration CV of Bead Count | 0.52×10^5 2.4% | $0.45 - 0.55 \times 10^5$ beads/50 µL ≤4.5% |
| MISCELLANEOUS INFORMATION Material Lot Number | 1970467 | n.a. |

1. Technical data for the unstained microspheres.
2. Measured using Z2 Coulter Particle Counter



Rachel Smith, Quality Assurance Manager
25-Apr-2018

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.